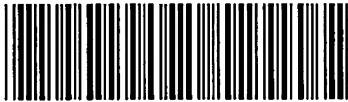


**Search Notes**

Application No.

10/823,485

Examiner

Stephen W. Smoot

Applicant(s)

JEON ET AL.

Art Unit

2813

**SEARCHED**

| Class | Subclass | Date       | Examiner |
|-------|----------|------------|----------|
| 257   | 774      | 10/16/2004 | SWS      |
| 257   | 775      | 10/16/2004 | SWS      |
| 438   | 638      | 10/16/2004 | SWS      |
| 438   | 639      | 10/16/2004 | SWS      |
| 438   | 640      | 10/16/2004 | SWS      |
| 438   | 739      | 10/16/2004 | SWS      |
|       |          |            |          |
|       |          |            |          |
|       |          |            |          |
|       |          |            |          |
|       |          |            |          |
|       |          |            |          |
|       |          |            |          |
|       |          |            |          |
|       |          |            |          |

*S.W.S.***INTERFERENCE SEARCHED**

| Class | Subclass | Date | Examiner |
|-------|----------|------|----------|
|       |          |      |          |
|       |          |      |          |
|       |          |      |          |
|       |          |      |          |

**SEARCH NOTES  
(INCLUDING SEARCH STRATEGY)**

|   | DATE       | EXMR                 |
|---|------------|----------------------|
| Considered all references cited in the parent applications.   | 10/16/2004 | <i>S.W.S.</i><br>SWS |
| Key Words: Window, Hole, Opening, Via, Trench, Groove - Retrograde, Taper, Undercut, Funnel, Conical; | 10/16/2004 | <i>S.W.S.</i><br>SWS |
| Spacer - Sidewall; Contact, Plug, Stud.   | 10/16/2004 | <i>S.W.S.</i><br>SWS |
|   |            |                      |
|   |            |                      |
|   |            |                      |
| Search Tools - EAST (attached):<br>USPAT; US PG PUBS; Derwent;<br>EPO; JPO; IBM TDB                   | 10/16/2004 | <i>S.W.S.</i><br>SWS |
|   |            |                      |
|   |            |                      |